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By: Nancy Ramos Printed: Nancy Ramos

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Michael G. Walker

Title: ANKYRIN REPEAT DOMAIN 2 PROTEIN

Serial No.: To Be Assigned

Filed: Herewith

Examiner: To Be Assigned

Group Art Unit: To Be Assigned

Commissioner for Patents  
Box Sequence  
Washington, D.C. 20231

**SUBMISSION UNDER 37 CFR §1.821- 1.825 SEQUENCE LISTING**

Sir:

In accordance with the requirements of 37 CFR §1.821- 1.825, Applicants hereby submit one (1) diskette containing the computer-readable information for the "Sequence Listing" of the above-identified application. The diskette complies with the requirements of 37 CFR §1.824 and is IBM PC compatible using a UNIX operating system with PERL Program.

Accompanying the application is the paper copy of the Sequence Listing as disclosed in the application.

The content of the "Sequence Listing" paper copy is identical to the computer readable copy, as required under 37 CFR § 1.821(f).

Respectfully submitted,

**INCYTE GENOMICS, INC.**

Date: January 10, 2001

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PC-0025 CIP

<110> Walker, Michael, G.

<120> Ankyrin Repeat Domain 2 Protein

<130> PC-0025 CIP

<140> To Be Assigned

<141> Herewith

<160> 13

<170> PERL Program

<210> 1

<211> 329

<212> PRT

<213> Homo sapiens

<220>

<221> misc\_feature

<223> Incyte ID No: 5578191CD1

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Pro	Pro	Glu	Pro	Glu	Glu	Ile	Thr	Gly	Pro	Val	Asp	Glu	Glu	Thr
				110					115					120
Phe	Leu	Lys	Ala	Ala	Val	Glu	Gly	Lys	Met	Lys	Val	Ile	Glu	Lys
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Phe	Leu	Ala	Asp	Gly	Gly	Ser	Ala	Asp	Thr	Cys	Asp	Gln	Phe	Arg
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Arg	Leu	Asp	Cys	Thr	Ala	Met	His	Trp	Ala	Cys	Arg	Gly	Gly	His
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Val	Arg	Asp	Lys	Leu	Leu	Ser	Thr	Pro	Leu	His	Val	Ala	Val	Arg
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Thr	Gly	Gln	Val	Glu	Ile	Val	Glu	His	Phe	Leu	Ser	Leu	Gly	Leu
				230					235					240
Glu	Ile	Asn	Ala	Arg	Asp	Arg	Glu	Gly	Asp	Thr	Ala	Leu	His	Asp

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Thr Asp Leu Val	Gln Leu Trp Gln Ala	Asp Thr Arg His Ala	Leu		
	290		295		300
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gaagcgggac	gctctggccg	cctcgcatga	gccgccccca	gagcccgagg	agatcactgg	360
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ccacttagag	gtggtgaaac	ttctgcaaag	ccatggagca	gacaccaatg	tgagggataa	660
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gcctaataat	agtgggagag	agacccctca	gcctgtgcc	gcccagtgaa	tgctgtcccc	1020
agcccagcca	gtaaccagc	ccctctctgt	gtgcagccgg	agggtcctaa	gaatggctcc	1080
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<220>

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<223> Incyte ID No: 972118R6

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gacttgctgg	tgctggagga	tgagaagcac	cacggggctc	agagtgcagc	cctgcagaag	180

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cactgcaccg agcttccctg gaaggccaca tggaaatcct ggagaagctt ctagataatg 180
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<223> Incyte ID No: 972118T6

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ctgggctggc acaggctgag ggggtctctc cccactatca ttagggccct ccagcccggt 180
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<212> DNA

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<223> Incyte ID No: 7350215H1

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<223> Incyte ID No: 700911986H1

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tgacatgct agtgctagag gacgagaagc gcctcggggg gcagagtcct gctttacaaa 180
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atgctagtgc tagaggacga gaagcgcttg ggggtgcagag tcctgcttta caaaagggtta 180
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<211> 315

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<222> 54, 80, 121

<223> a, t, c, g, or other

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PC-0025 CIP

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Thr	Gly	His	Val	Glu	Ile	Val	Glu	His	Phe	Leu	Ser	Leu	Gly	Leu
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Asp	Ile	Asn	Ala	Lys	Asp	Arg	Glu	Gly	Asp	Ser	Ala	Leu	His	Asp
				245					250					255
Ala	Val	Arg	Leu	Asn	Arg	Tyr	Lys	Ile	Ile	Lys	Leu	Leu	Leu	Leu
				260					265					270
His	Gly	Ala	Asp	Met	Met	Ala	Lys	Asn	Leu	Ala	Gly	Lys	Thr	Pro
				275					280					285
Thr	Asp	Leu	Val	Gln	Leu	Trp	Gln	Ala	Asp	Thr	Arg	His	Ala	Leu
				290					295					300
Glu	His	Pro	Glu	Pro	Glu	Ser	Glu	Gln	Asn	Gly	Leu	Glu	Arg	Pro
				305					310					315
Gly	Ser	Gly	Arg	Glu	Thr	Pro	Gln	Pro	Ile	Pro	Ala	Gln		
				320					325					

FOR E639-0404